

REMARKS

I. Summary of the Office Action

Claims 1-7, 11-21, and 24-30 are pending in this application.

Claims 11-13 and 28-30 are rejected under 35 U.S.C. § 102(b) as being anticipated by Ebuchi et al. U.S. Patent No. 6,392,462 (hereinafter "Ebuchi").

II. Summary of Applicants' Reply

Applicants have canceled claims 29 and 30 without prejudice.

The Examiner's rejection is respectfully traversed.

III. Summary of Applicants' Reply to the § 102 Rejection

Claims 11-13 and 28-30 are rejected under 35 U.S.C. § 102(b) as being anticipated by Ebuchi. This rejection is respectfully traversed.

Applicants have canceled claims 29 and 30 without prejudice. The rejection of claims 29 and 30 is moot and should therefore be withdrawn.

Applicants' invention, as defined by amended independent claim 11, is directed towards a method for converting an input clock signal to a plurality of output clock

signals. The frequency of the input clock signal having an input frequency is modified to produce a first signal having a first frequency. The first signal is phase-shifted to produce a plurality of second signals each having different phases. The second signals are modified to produce an output signal having an individually selectable output frequency.

Applicants submit that Ebuchi fails to show or suggest modifying the frequency of an input clock signal having an input frequency to produce a first signal having a first frequency and phase-shifting the first signal, as specified by amended independent claim 11. In particular, Ebuchi does not show either (1) modifying the frequency of a clock signal to produce REFCLK and phase-shifting RECLK or (2) modifying the frequency of REFCLK and phase-shifting the modified signal. Instead, Ebuchi discusses directly applying REFCLK to a phase-locked loop circuit to phase-shift REFCLK.

For at least this reason, amended independent claim 11 is allowable over Ebuchi. Claims 12, 13, and 28, which depend from amended independent claim 11, are allowable at least because they depend from an allowable claim. The rejection of claims 11-13 and 28 should therefore be withdrawn.

IV. Conclusion

In view of the foregoing, claims 1-7, 11-21, and 24-28 are allowable. This application is therefore in condition for allowance. Reconsideration and allowance of this application are respectfully requested.

Respectfully submitted,

  
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